

Table P-7
Non-Special Status Amphibian and Reptile Observations

Species	Date	Observations
Common garter snake (<i>Thamnophis sirtalis</i>)	March – May, 2003	Detected during CTS and/or CRLF surveys.
California whipsnake (<i>Masticophis lateralis</i>)	May 20, 2002	Large adult identified on northwest end of A-Series Pond. 2 year old juvenile identified on south end of Pond 13.
California red-sided garter snake (<i>Thamnophis sirtalis infernalis</i>)	April 2001	One 1-2 yr old found in grassland at top of E bank of Casmalia Creek, approximately 700 feet north of corrals west of landfill.
	May 17, 2002	One adult identified on south end of Pond 13
	May 20, 2002	Large single adult identified on east end of RCF Pond.
	23 Feb 2005	N side Pond 13 (lower fence line). Adult; N (land) side of fence; released into Pond 13
Ensatina (<i>Ensatina eschscholtzii</i>)	31 Dec 2004	NE side of RCF Pond. Adult female; N (land) side of fence; released into rodent burrow on pond side of fence
	31 Dec 2004	E side Pond 13 (upper fence line). Ad male; E (land) side of fence; released into rodent burrow on pond side of fence
	3 Jan 2005	SW corner A-Series Pond. Adult male; W (road) side of fence; released into rodent burrow on road side of fence
	3 Jan 2005	W side Pond 13 (upper fence line). Small adult (sex?); W (pond) side of fence; released on pond side of fence
	7 Jan 2005	SE side RCF Pond. Adult female, gravid; E (land) side of fence; released into rodent burrow on pond side of fence about 15 ft from capture point
	27 Jan 2005	E side Pond 13 (upper fence line). Small adult; E (land) side of fence; dead and partially eaten by beetles in trap; not collected
Gopher snake (<i>Pituophis cantifer</i>)	May 2, 2001	Large adult found DOR on Black Road (Lompoc-Casmalia Road), approximately 200 ft N of junction of Casmalia Landfill access road.
	July 23, 2001	Three adult gopher snakes found beneath concrete slabs at toe of Caustics/Cyanide Landfill; two captured and relocated to grassland N of landfill, one killed by machinery and deposited in Santa Barbara Museum of Natural History.
	March 12-14, 2002	Detected two individuals (age class unknown) during amphibian and reptile presence/absence survey of Ravine West of PCB Landfill and A-Series Pond. This common species is presumed to be widespread throughout areas containing suitable habitat features on and off-site.
	March – May, 2003	Detected during CTS and/or CRLF surveys.

Table P-7 (cont'd)
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Species	Date	Observations
Pacific chorus frog (<i>Pseudacris regilla</i>)	All site visits	The most common amphibian on-site, found in and around most water sources on-site during all site visits at night. Adult males heard calling from RDF Pond, Pond 13, A-Series Pond, and Pond 18 at night on each site visit; adult females calling from catch basin next to Treatment Building; adults and larvae repeatedly observed in Casmalia Creek, and in cattle trough around corrals W of landfill. Adults and larvae also found in ephemeral puddles and surface runoff puddles surrounded by weedy grassland at bottom of V-ditches at toes of Pesticides/Solvents Landfill, Caustics/Cyanide Landfill, and Acids Landfill.
Pacific chorus frog (<i>Pseudacris regilla</i>)	November 19, 2001	One individual (age class unknown) detected singing during amphibian and reptile presence/absence survey of Casmalia Creek. This common species is presumed to be present around most water bodies on- and off-site (1600). 2/14/02, detected two individuals (age class unknown) singing during amphibian and reptile presence/absences survey of Pond A-5 and Pond 13. This common species is presumed to be present around most water bodies on and off-site.
Pacific treefrog (<i>Hyla regilla</i>)	April 8, 2002	Five to six individuals detected singing at A-Series Pond. Up to five detected singing at RCF Pond.
	April 22- 23, 2002	One to two individuals detected singing at A-Series Pond. Two individuals detected at Pond A-5.
	28 Dec 2004	S and SE side A-Series Pond. Ad female; S (land) side of fence; released on pond side of fence
	1 Jan 2005	S end of A-Series Pond (upper fence line). Adult female; N (pond) side of fence; released on pond side of fence
	17 Feb 2005	N side Pond 13 (lower fence line). Adult male; S (pond) side of fence; released into Pond 13
	17 Feb 2005	E side Pond 13 (upper fence line). Adult male; E (land) side of fence; released on W (pond) side of fence in scrub
	17 Feb 2005	E side RCF Pond. Adult male; W (pond) side of fence; released into grass on E (land) side of fence
	March – May, 2003	Detected during CTS and/or CRLF surveys.
	April 12, 2004	Three to four males detected calling from shoreline at east end of RCF pond. One heard calling at NW end of A-Series Pond. Three heard calling at NW shoreline of Pond 18.
	April 26, 2004	Two detected calling from E end of RCF Pond. Two heard calling from NW and NE shoreline of A-Series Pond. Two heard calling from NW shoreline of Pond 18.
Racer (<i>Coluber constrictor</i>)	May 16, 2002	One adult found dead in trap on north corner of A-Series Pond.
	May 20, 2002	Adult and smaller individual identified in minnow trap on northeast end of Pond 13 as part of CTS/CRLF surveys.

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Species	Date	Observations
Southern alligator lizard (<i>Elgaria multicarinata</i>)	November 19, 2001	Detected two juveniles during amphibian and reptile presence/absence survey of Casmalia Creek. This ubiquitous species is presumed to be present throughout the site and on adjacent lands (1600).
	March 11-14, 2002	Detected several individuals (>5) during amphibian and reptile presence/absence survey of the facility. This ubiquitous species is presumed to be present throughout the site and on adjacent lands.
	March – May, 2003	Detected during CTS and/or CRLF surveys.
	January 26, 2005	NE corner RCF Pond (upper fence line). Adult; S (pond) side of fence; released on N (land) side of fence
Two-striped garter snake (<i>Thamnophis hammondi</i>)	April 23, 2001	One adult observed basking on concrete V-ditch next to pooled water at toe of Pesticides/Solvents Landfill; escaped under plastic liner when disturbed (0930 hrs).
	May 2-3, 2001	Two adults observed in marshy grassland on flats at toe of landfills N of RCF Pond; escaped into grass when disturbed.
	March 14, 2002	Detected one sub-adult during amphibian and reptile presence/absence survey of Pond A-5.
Western rattlesnake (<i>Crotalus viridis</i>)	April 20, 2001	One 1-yr old observed under boards at corral between landfill and Casmalia Creek.
	July 17, 2001	Large adult found in weedy grassland on S slope toe of Caustics/Cyanide Landfill following discing for cap construction; captured and relocated to grassland N of landfill.
	July 23, 2001	Large adult found beneath concrete slabs with three gopher snakes (<i>Pituophis melanoleucus</i>), in weedy grassland at S toe of Metals Landfill; captured and relocated to grassland approximately 0.5 miles E of landfill.
	March 12, 2002	Detected one individual (sub-adult) during amphibian and reptile presence/absence survey of Pesticide Solvents Landfill. This common species is presumed to be present around most water bodies on and off-site.
Western fence lizard (<i>Sceloporus occidentalis</i>)	March – May, 2003	Detected during CTS and/or CRLF surveys.
Western terrestrial garter snake (<i>Thamnophis elegans</i>)	October 1998	One adult observed in marshy area west of RCF Pond.
	April 1999	One adult observed along S shoreline of A-Series Pond.
	April 25, 2001	One adult observed in weedy grassland between Metals and Caustics/Cyanide Landfill.

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Species	Date	Observations
Western terrestrial garter snake (<i>Thamnophis elegans</i>)	May 14, 2001	Large adult observed eating a western toad (<i>Bufo boreas</i>), along SE shoreline of A-Series Pond (1345 hrs).
Western toad (<i>Bufo boreas</i>)	May 2, 2001	One adult toad found on N shoreline of Pond 18 (22:40 hrs). Three adult toads found along W and N shoreline of RCF pond (2330 hrs).
	May 14, 2001	Adult toad being eaten by probable California red-sided garter snake (<i>Thamnophis sirtalis infernalis</i>) along SE shoreline of A-Series Pond (13:30 hrs).
	April 8, 2002	One individual detected at A-Series Pond.
	March – May, 2003	Detected during CTS and/or CRLF surveys.
Western toad (<i>Bufo boreas</i>)	28 Dec 2004	SE side A-Series Pond. Ad male; E (land) side of fence; released on pond side of fence
	28 Dec 2004	SE side A-Series Pond. Ad female; S (land) side of fence; released on pond side of fence
	29 Dec 2004	W side RCF Pond. Adult male; S (land) side of fence; released on pond side of fence in CA ground squirrel burrow
	1 Jan 2005	S E corner RCF Pond. Adult female; S (land) side of fence; released into grass on pond side of fence
	10 Jan 2005	SE side RCF Pond. Adult male; S (land) side of fence; released into rodent burrow on pond side of fence 20 ft from capture point
	29 Jan 2005	S side A-Series Pond. Small adult male; N (pond) side of fence; released into grass on S (land) side of fence
	16 Feb 2005	SE side A-Series Pond (upper fence line). Adult female; N (pond) side of fence; released on S (land) side of fence in water-filled ditch
	17 Feb 2005	S side Pond 13 (upper fence line). Adult male; S (land) side of fence; released on N (pond) side of fence in grass
	18 Feb 2005	W side A-Series Pond. Adult female (not gravid); W (land) side of fence; released on pond side of fence
	19 Feb 2005	N side Pond 13 (lower fence line). Adult male; N (land) side of fence; released into Pond 13
	19 Feb 2005	SE side Pond 13 (upper fence line). Adult female; E (land) side of fence; released into coyote bush scrub on pond side of fence
	19 Feb 2005	W side RCF Pond (upper fence line). Adult male; W (land) side of fence; released into CA ground squirrel burrow on pond side of fence
	21 Feb 2005	SE side A-Series Pond. Adult male; N (pond) side of fence; released into water-filled ditch S of fence line

Table P-7 (cont'd)
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Species	Date	Observations
Western toad (<i>Bufo boreas</i>)	21 Feb 2005	S side Pond 13 (upper fence line). Pair in amplexus in pitfall trap on N (pond) side of fence; released into grass on N (pond) side of fence
	22 Feb 2005	N side Pond 13 (lower fence line). Adult male; S (pond) side of fence; released into Pond 13
	22 Feb 2005	NE side Pond 13 (lower fence line). Adult female; S (pond) side of fence; released into Pond 13
	23 Feb 2005	N side Pond 13 (lower fence line). Adult female; spent eggs; S (pond) side of fence; released into Pond 13
	23 Feb 2005	SW side Pond 13 (upper line). Adult male; S (pond) side of fence; released into mustard on N (land) side of fence